

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110822\
 Data File : VU051781.D
 Acq On : 08 Nov 2022 14:02
 Operator : JC/MD
 Sample : N5493-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA1

Quant Time: Nov 09 00:01:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 08 23:59:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

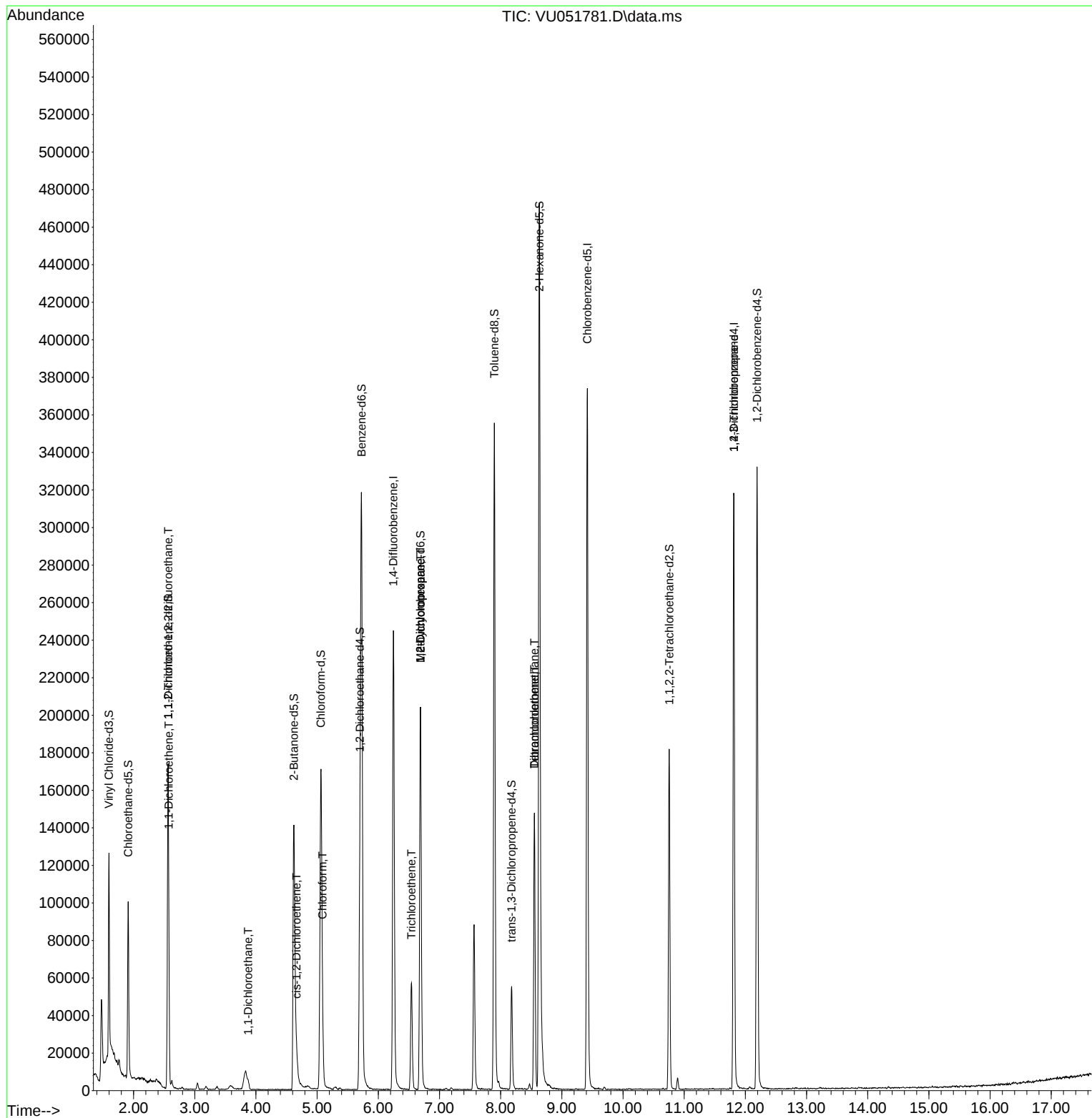
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	207847	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	218096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89300	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77610	4.958	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.912	69	71332	4.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.565	65	31656	5.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.400%
20) 2-Butanone-d5	4.620	46	208443	36.767	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.540%
24) Chloroform-d	5.060	84	156426	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.700	65	84034	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.726	84	311385	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.690	67	103353	4.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.896	98	248221	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.179	79	32537	4.422	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.632	63	162671	36.722	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.440%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	91849	4.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	93058	5.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1086	0.061	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	3603	0.199	ug/L #	1
19) 1,1-Dichloroethane	3.871	63	6348	0.177	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	3813	0.178	ug/L	89
25) Chloroform	5.086	83	21094	0.568	ug/L	95
34) Trichloroethene	6.539	95	20076	0.967	ug/L	98
35) Methylcyclohexane	6.690	83	22560	0.786	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10500	0.474	ug/L #	88
47) Tetrachloroethene	8.552	164	33413	2.100	ug/L	94
49) Dibromochloromethane	8.552	129	32516	1.755	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	10596	0.918	ug/L #	64

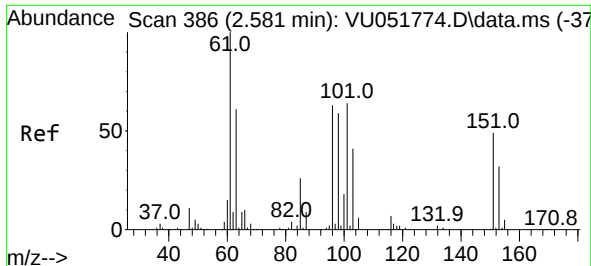
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.061 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU051781.D

Acq: 08 Nov 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

H0AA1

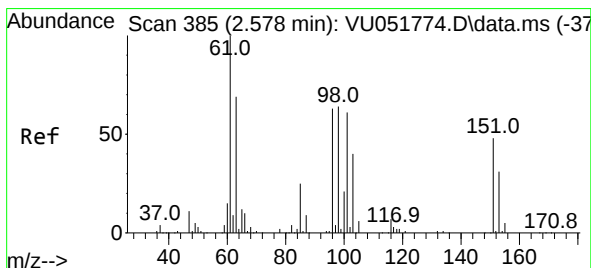
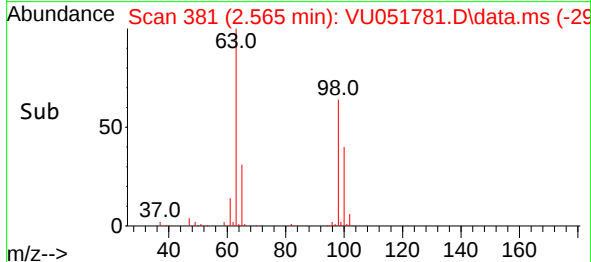
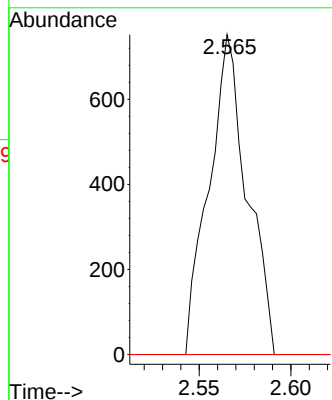
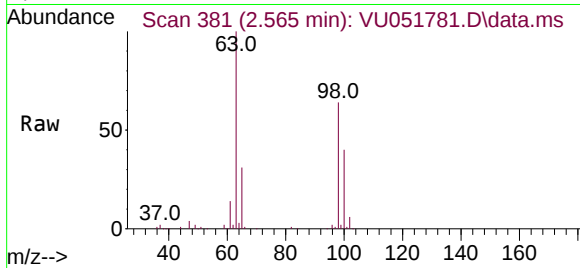
Tgt Ion:101 Resp: 1086

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 59.6 89.4#



#12

1,1-Dichloroethene

Concen: 0.199 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU051781.D

Acq: 08 Nov 2022 14:02

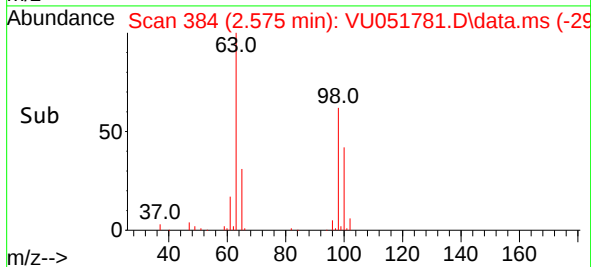
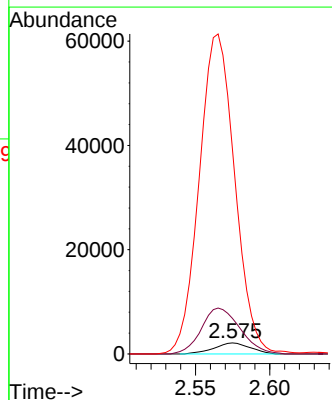
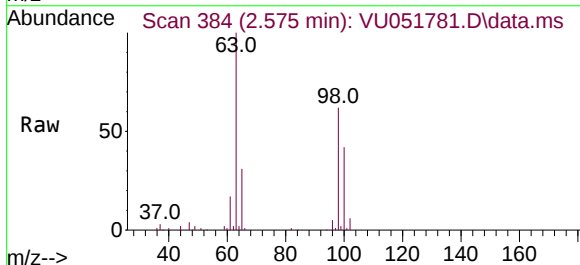
Tgt Ion: 96 Resp: 3603

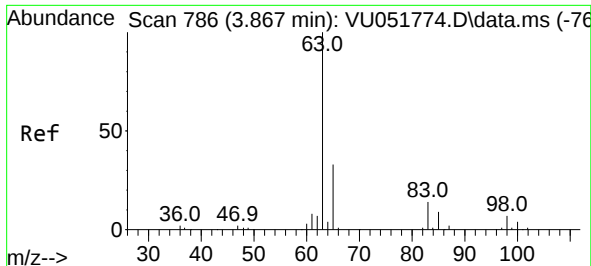
Ion Ratio Lower Upper

96 100

61 324.6 108.8 202.0#

63 1870.2 64.9 120.5#





#19

1,1-Dichloroethane

Concen: 0.177 ug/L

RT: 3.871 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU051781.D

Acq: 08 Nov 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

H0AA1

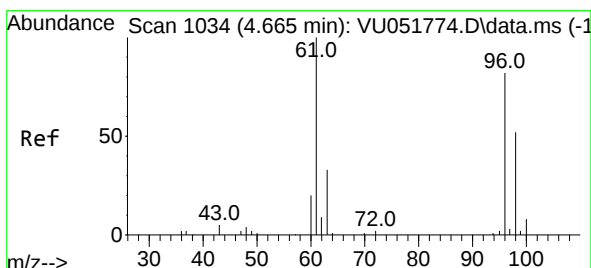
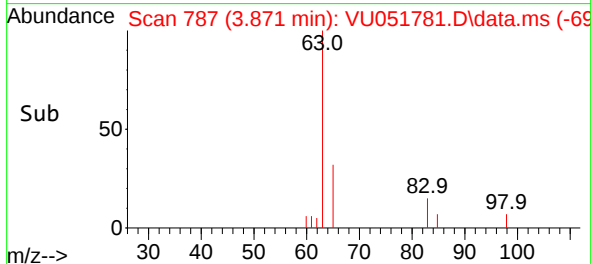
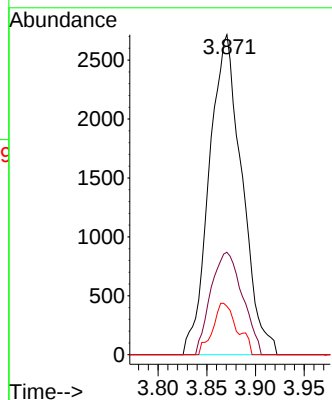
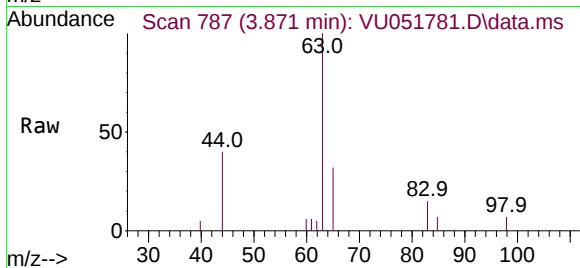
Tgt Ion: 63 Resp: 6348

Ion Ratio Lower Upper

63 100

65 32.0 22.7 42.1

83 15.1 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 0.178 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051781.D

Acq: 08 Nov 2022 14:02

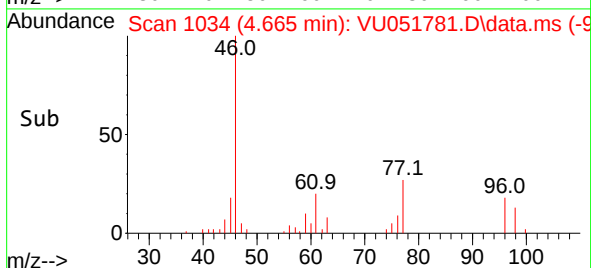
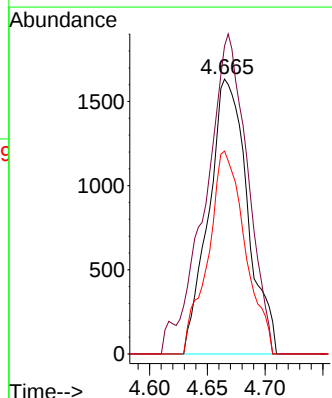
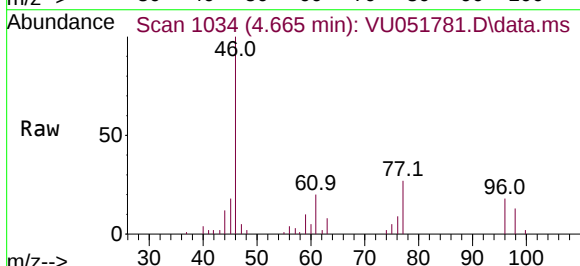
Tgt Ion: 96 Resp: 3813

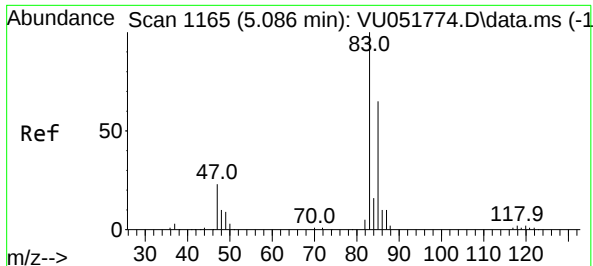
Ion Ratio Lower Upper

96 100

61 112.0 86.4 160.4

98 73.8 44.2 82.2





#25

Chloroform

Concen: 0.568 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051781.D

Acq: 08 Nov 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

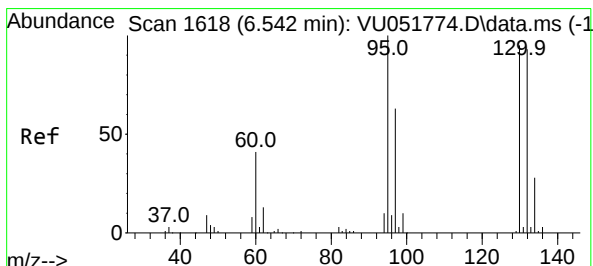
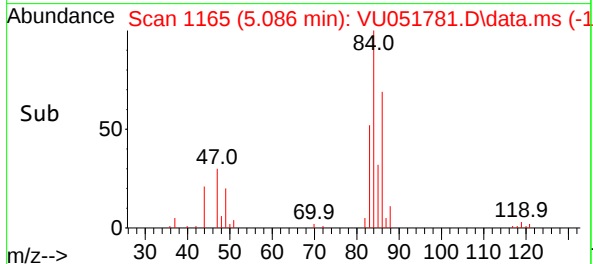
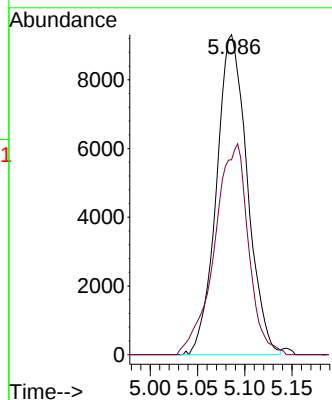
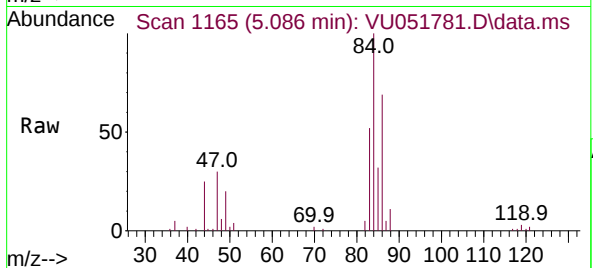
H0AA1

Tgt Ion: 83 Resp: 21094

Ion Ratio Lower Upper

83 100

85 60.9 45.2 84.0



#34

Trichloroethene

Concen: 0.967 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051781.D

Acq: 08 Nov 2022 14:02

Tgt Ion: 95 Resp: 20076

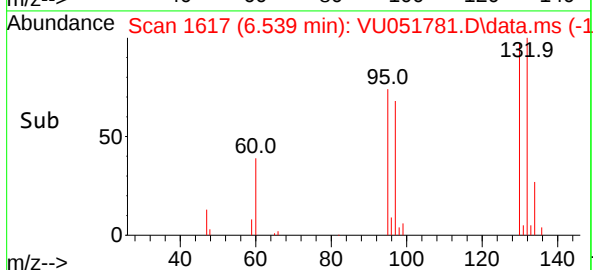
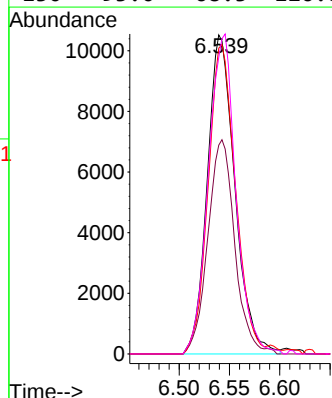
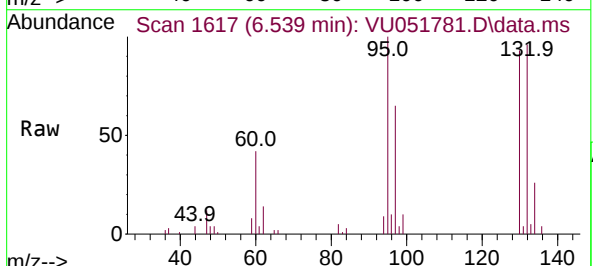
Ion Ratio Lower Upper

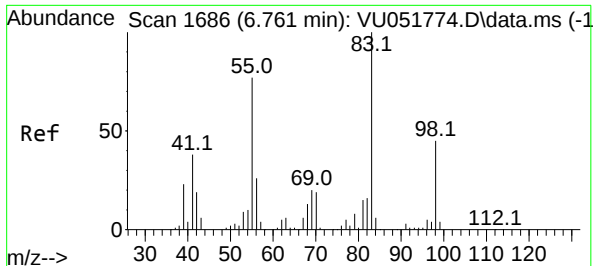
95 100

97 65.5 45.2 84.0

132 95.9 66.5 123.5

130 93.0 68.3 126.8





#35

Methylcyclohexane

Concen: 0.786 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051781.D

Acq: 08 Nov 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

H0AA1

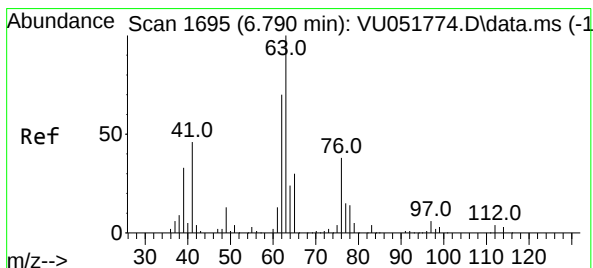
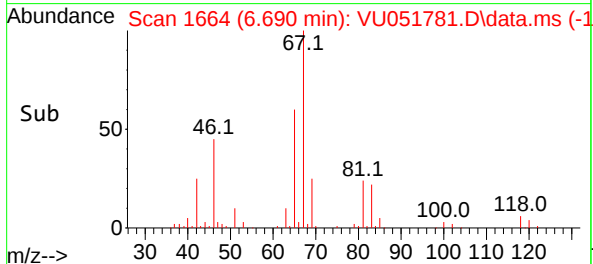
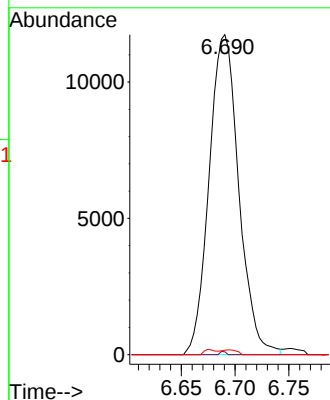
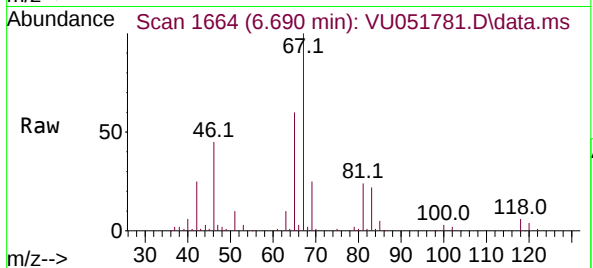
Tgt Ion: 83 Resp: 22560

Ion Ratio Lower Upper

83 100

55 0.2 60.6 90.8#

98 0.8 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.474 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051781.D

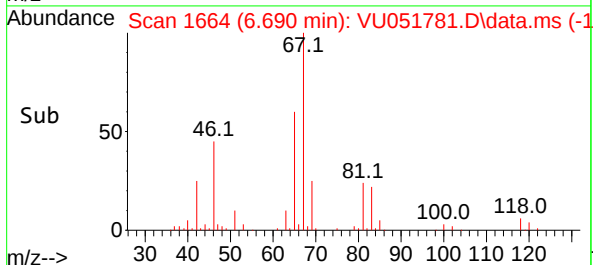
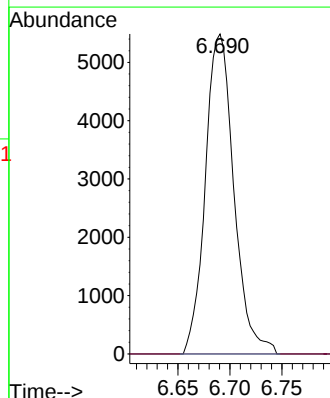
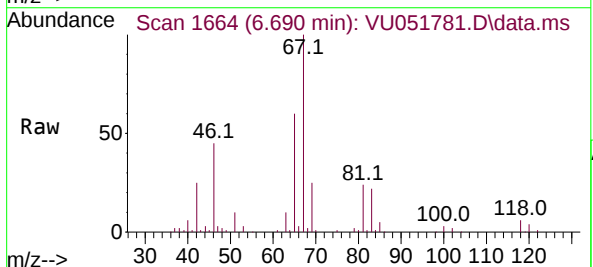
Acq: 08 Nov 2022 14:02

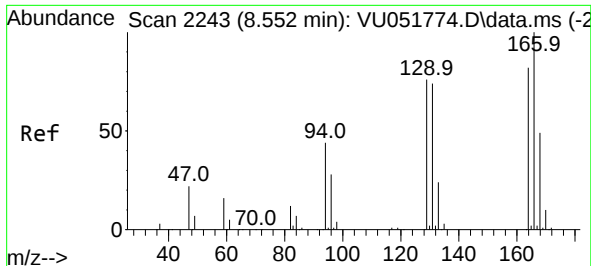
Tgt Ion: 63 Resp: 10500

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 2.100 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051781.D

Acq: 08 Nov 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

H0AA1

Tgt Ion:164 Resp: 33413

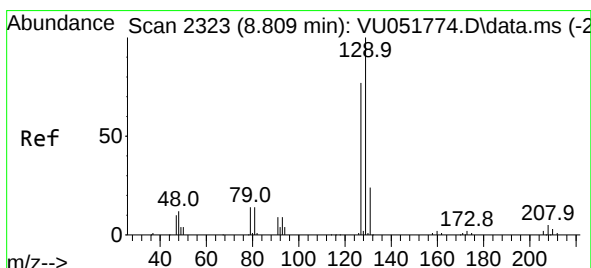
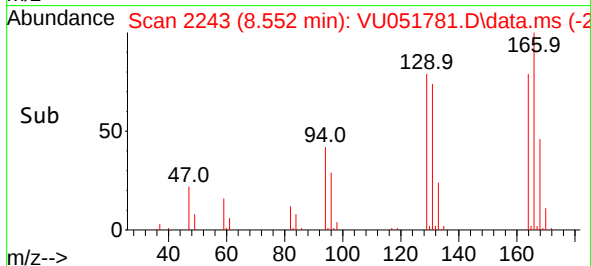
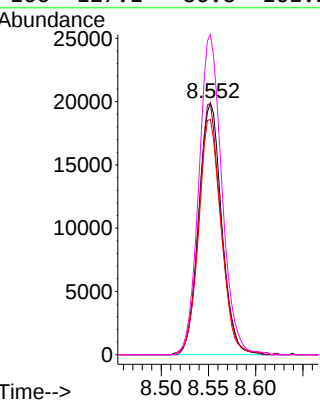
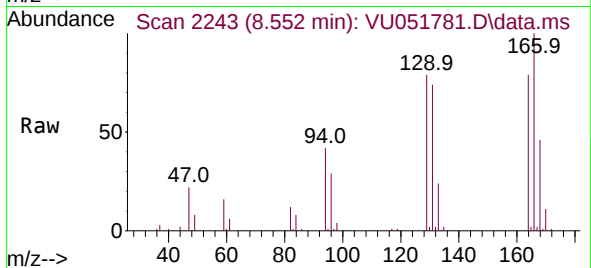
Ion Ratio Lower Upper

164 100

129 99.9 64.0 118.8

131 93.4 60.7 112.7

166 127.1 86.8 161.2



#49

Dibromochloromethane

Concen: 1.755 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU051781.D

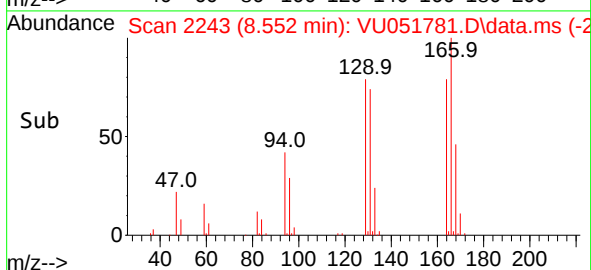
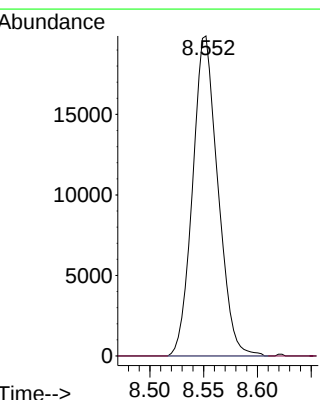
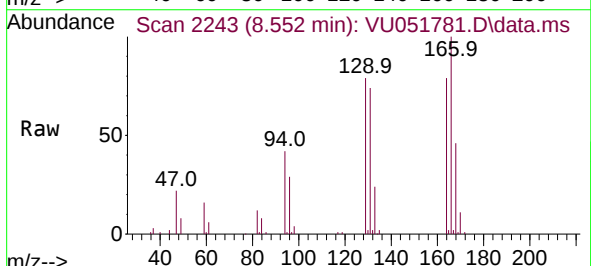
Acq: 08 Nov 2022 14:02

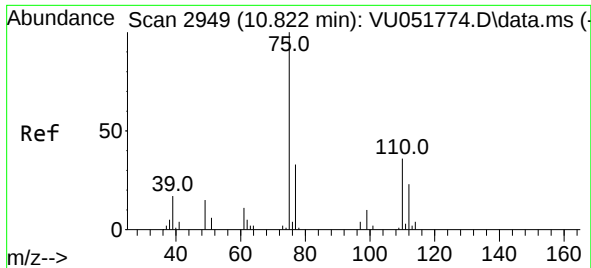
Tgt Ion:129 Resp: 32516

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.918 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051781.D
 Acq: 08 Nov 2022 14:02

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA1

Tgt Ion: 75 Resp: 10596
 Ion Ratio Lower Upper
 75 100
 110 0.6 28.7 43.1#
 77 27.5 26.1 39.1

